

MEMORYBIRD P 1, 2, 4 and 8 GB Storage enhancement

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For more independent working and to transfer, carry or store easily data in the office or on trips Fujitsu Siemens Computers offers the MEMORYBIRD P.

The professional MEMORYBIRD P is a high-class state of the art storage device, which can be used with any standard USB port. It is designed for notebook, PC and Server users. It supports the latest USB 2.0 SLC Technology combined with a USB 2.0 High Speed, which means you can work with data transfer speeds up to 28 MB/s reading and 15.5 MB/s writing. Additionally it offers all the benefits a professional memory stick can offer: booting from MEMORYBIRD P and MEMORYBIRD P SystemLock functionality for ESPRIMO PC.

Enhance your notebook storage capacities - whether for professional or personal use!

Reliability

- High quality and stability
- All essential industry standards have been taken into account in the development of the USB memory stick

Security

- MEMORYBIRD SystemLock functionality for ESPRIMO PC

Usability

- Very convenient due to compactness
- Driverless use for Microsoft Windows operating systems
- USB 2.0, and USB 1.1 compatible
- Plug and play
- Bootable for LIFEBOOK Series and ESPRIMO PC, AMILO Pro, ESPRIMO Mobile, CELSIUS Mobile and PRIMERGY
- Availability of various capacities for storage of miscellaneous data



Technical Specifications**USB class**

- fully compliant with USB-Specification 2.0 (High Speed, 480MB/s burst)
- fully compatible with USB 1.1 systems (Full-Speed, 12 MB/s burst)

Storage capacities

MEMORYBIRD P, 1 GB

MEMORYBIRD P, 2 GB

MEMORYBIRD P, 4 GB

MEMORYBIRD P, 8 GB

Power

Power consumption	Standby: 900 µA – 2 mA Hi-Speed: 150 – 200 mA Full-Speed: 120-140 mA
Power supply:	via USB-bus (4.4 -5.25 V) No external power required

Electrical properties

- Low-power CMOS technology (max 110 mA)
- Suspend mode
- 5.0 V power supply, 3.3 V optional
- High reliability:
 - Error correction code (ECC)
 - Waer leveling
 - MTBF >1,000,000 hours (SLC flash)
 - Data reliability: < 100,000 Erase/Program cycles (SLC Flash)
- Hot swappable

Performance up to:

1 GB	
Read	28 MB/s*
Write	15,5 MB/s*
2 GB	
Read	21,3 MB/s*
Write	17,3 MB/s*
4 GB	
Read	21,3 MB/s*
Write	17,3 MB/s*
8 GB	
tbd	

(* Speed depending on computing system, operating system ,capacity and file size.

Error correction	ECC on the fly Automatical administration of default sectors
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Hot Plug & Play

Flashcycles	100,000 cycles per logical sector
Data retention	10 years

Standards/compliance	Europe (CE) USB 2.0 Hi-Speed
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Operating temperature	0°C ~ 50°C 0°C to +70°C (relative humidity 5% to 95%)
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Storage Temperature	-20°C to +80°C (relative humidity 5% to 95%)
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Number of insertions/removals	>1.500
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Shock (tested 500 g @ 0.5 ms)	
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Vibration (tested 1.5 g 60-400 Hz, 2 h)	
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Dimensions (L x B x H)	65 x 18 x 16 mm
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Weight	12.3 g
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Operating Systems supported

Microsoft Windows XP

Microsoft Windows Vista™

Order codes

MEMORYBIRD P, 1 GB	S26391-F6047-L101
MEMORYBIRD P, 2 GB	S26391-F6047-L102
MEMORYBIRD P, 4 GB	S26391-F6047-L104
MEMORYBIRD P, 8 GB	S26391-F6047-L108